

Amendments to the Specification:

Please replace the paragraph beginning at page 1, line 3, with the following rewritten paragraph:

BACKGROUND

Technical Field

B1
This invention relates to a mobile communications terminal for use in a cellular communications system, comprising an electronic circuit for receiving a wire-less communication signal carrying signal channels having processing means for extracting the signal channels.

Please replace the paragraph beginning at page 1, line 8, with the following rewritten paragraph:

History of Related Art

B2
A typical cellular telecommunications system cell is ~~organised~~ organized about a base-station equipped with multiplexing means for transmitting communication signals carrying signal channels from a wired telephone net onto a ~~radio~~ frequency carrier that is broadcast by an antenna system over an area that the cell is designate to cover. A set of individual mobile subscriber stations – i.e. a mobile communications terminal – are each equipped to receive the broadcast frequency carrier and to de-multiplex the specific channel the terminal is intended to receive. Typically, two-way communication is supported and the mobile communications terminal is adapted to transmit signals to the base-station for subsequent multiplexing and distribution to a wired net or another base-station.

Please add the following at page 3, line 23:

SUMMARY

Please add the following paragraphs at page 4, line 1:

B3 A mobile communications terminal for use in a cellular communications system includes an electronic circuit for receiving a wire-less communications signal carrying signal channels having processing means for extracting the signal channels. The electronic circuit is adapted to classify a type of interference affecting communications quality by evaluating signals selected in the electronic circuit that are selected as signals having information for classifying a type of interference in one of at least two predetermined classes of interference.

A method in a mobile communications terminal adapted for use in a cellular communications system includes receiving a wire-less communications signal carrying signal channels and extracting the signal channels via an electronic circuit. The method also includes classifying a type of interference affecting the communications quality by evaluating signals selected in the electronic circuit as signals having information for classifying a type of interference in one of at least two predetermined classes of interference.

Please add the following at page 4, line 14:

BRIEF DESCRIPTION OF THE DRAWINGS

Please add the following at page 5, line 3:

B4 **DETAILED DESCRIPTION OF EXEMPLARY EMBODIMENTS OF THE INVENTION**